This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-18 (canceled)

19. (previously presented) A pharmaceutical composition comprising an isolated and purified long-chain, straight-chain 2-amino-3-hydroxyalkane, or prodrug thereof, and a pharmaceutically acceptable carrier, wherein the carbon chain in the long-chain, straight-chain 2-amino-3-hydroxyalkane is C_{16}-C_{24}.

20. (previously presented) The composition according to claim 19, wherein the carbon chain in the long-chain, straight-chain 2-amino-3-hydroxyalkane is C_{18}-C_{20}.

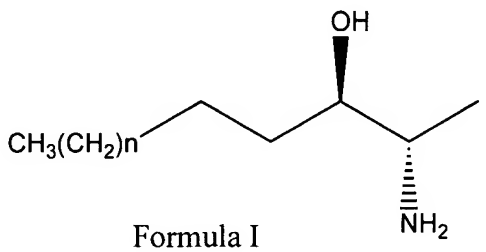
21. (previously presented) The composition according to claim 20, wherein the carbon chain in the long-chain, straight-chain 2-amino-3-hydroxyalkane is C_{18}.

22. (previously presented) The composition according to claim 19, wherein the carbon chain in the long-chain, straight-chain 2-amino-3-hydroxyalkane is C_{16}.

23. (previously presented) The composition according to claim 19, wherein the carbon chain in the long-chain, straight-chain 2-amino-3-hydroxyalkane is C_{20}-C_{24}.

24. (previously presented) The composition according to claim 19, wherein the pharmaceutically acceptable carrier is a solution compatible with cells.

25. (previously presented) The composition according to claim 19, wherein the long-chain, straight-chain 2-amino-3-hydroxyalkane is a compound of Formula I:



Formula I

where n = 12, 13, or 14.

26-31. (canceled)

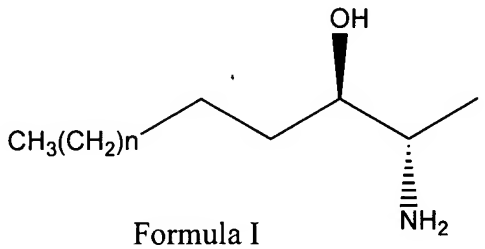
32. (currently amended) The composition according to any one of claims 19-25, further comprising an additional drug for combination cancer therapy.

33. (canceled)

34. (currently amended) A method of preparing a pharmaceutical composition for the treatment of cancer, wherein the method comprises the step of combining a long-chain, straight-chain 2-

amino-3-hydroxyalkane or prodrug thereof with a pharmaceutically acceptable carrier and optionally an additional drug for combination cancer therapy, ~~and~~ wherein the carbon chain in the long-chain, straight-chain 2-amino-3-hydroxyalkane is C_{16}-C_{24}.

35. (previously presented) A method according to claim 34, wherein the long-chain, straight-chain 2-amino-3-hydroxyalkane is a compound of Formula I:



Formula I

where n = 12.

36-38. (canceled)